

# Accessory 44 Strip Heater

# for ASCO® Automatic Transfer Switches

Accessory 44 Strip Heater is designed to keep humidity and/or temperature within the ATS enclosure at acceptable levels. This accessory consists of a mounting bracket with strip heater, thermostat, and terminal block. A transformer with fuses is included when the power for the assembly is derived from the ATS. The 120 V ac customer powered assembly does not include a transformer. This accessory is available factory installed or in kit form. If already installed, turn the thermostat's dial to required setting.

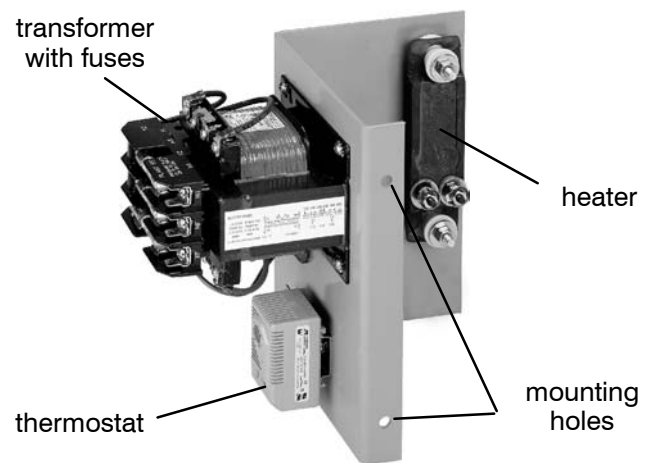
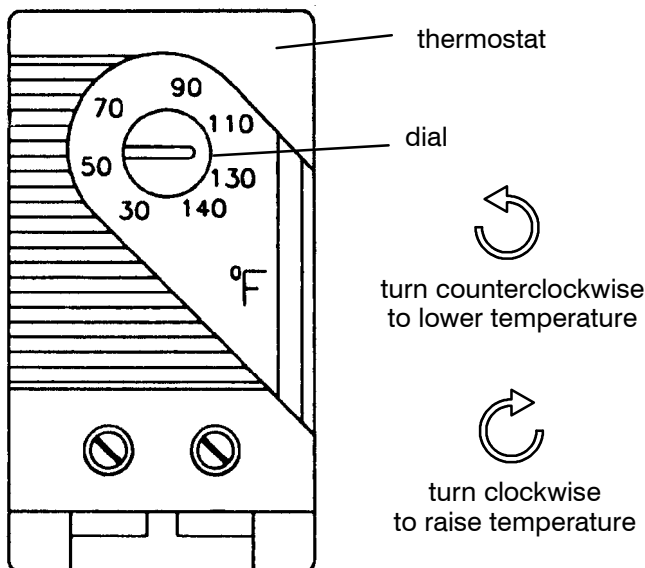
**⚠ DANGER:** De-energize all power to the Transfer Switch before opening the enclosure. Hazardous voltage capable of causing shock, burns, or death is used in this switch.

## Mounting

1. After de-energizing both Normal and Emergency power sources and the Load, open the enclosure door. Carefully use a voltmeter to verify that all power is de-energized at the Transfer Switch power terminals
2. **Hole Drilling Data Sheets** are shown in this publication. They are not drilling templates. They specify the locations and sizes of the strip heater assembly mounting holes for each ampere rating size ATS. Drill two holes into the enclosure as indicated.

**⚠ CAUTION:** Protect the Transfer Switch from metal chips when drilling the holes. Clean up all debris inside the enclosure after drilling.

3. Use the hardware supplied in the kit to mount the bracket to the inside of the enclosure. The thermostat should face the front of the enclosure after mounting the assembly.



**⚠ DANGER:** De-energize the conductors before making any connections. Open the Normal and Emergency source circuit breakers and be sure that the load is also de-energized.

## Wiring

1. A **Mounting Data** drawing is included on the back page. Select the appropriate wiring diagram and illustration according to Transfer Switch ampere rating size. If 120 V ac customer-furnished power will be used, go to step 2. If power will be from the Transfer Switch go to step 3.
2. **120 V ac customer-furnished power.** Run the 120 V ac line into the enclosure and connect the wires to TB terminals TB-1 and TB-2 on the strip heater assembly.
3. **Transfer Switch derived power.** A two-wire harness is provided in the kit. Select the appropriate illustration on the **Mounting Data** diagram (back page) according to Transfer Switch ampere rating size. Follow it to connect the harness to the Transfer Switch and to the strip heater assembly. Connect one wire from transfer switch Load terminal LA to the strip heater assembly's fuse block terminal HI; connect the other wire from Load terminal LC to terminal HF on the fuse block. Double check all wiring before continuing.
4. Turn the thermostat's dial to desired setting. Then close the enclosure door.
5. After the door is closed, reenergize the ATS (close Normal and Emergency source circuit breakers and reenergize the load). If a separate 120 V ac line was used for the accessory, energize that line.

